

**Amendments to the Abstract:**

Please amend the abstract as follows:

The elastic fabric comprising a crosslinked polyolefin fiber, wherein the fabric has retractions both in warpwise and weftwise directions of the fabric of 8% or less after treated by dry heat at 65°C for 30 minutes is disclosed. Also disclosed is a process for producing an elastic fabric, comprising: retracting a fabric comprising a crosslinked polyolefin fiber while dyeing the fabric, and then stretching or relaxing the fabric at a stretch ratio of 15% or less to finish the fabric with heat-setting. The present invention relates to an elastic fabric having an excellent chemical resistance and an excellent dimensional stability in the form of a product, which is suitably used for sporting fabrics such as swimming suits, leotards and the like, inner fabrics for ladies as well as outer fabrics, for example.